SPECIFICATIONS

VME CONTROL

VME Device Type: A24/D16, D08 (EO) Slave.
Base Address: Switch selectable, A23-A16.
Address Modifiers: Standard supervisory block transfer (3F). Standard supervisory data access (3D). Standard non-privileged block transfer (3B). Standard non-privileged data access (39).

CONTROL REGISTERS

CSR0: Control and status.
CSR1: Next transfer address generator.
CSR2: Word counter.
CSR3: Destination address register.

FRONT PANEL

Displays: PWR - Red LED indicates +5 V and -12 V present. ADR - Yellow LED blinks when module is addressed. RUN - Green LED indicates data transfer under 1131 control is in progress. ERR - Red LED indicates an error has occurred.
Trigger Input: 5 x 2 differential ECL, 112 Ω termination;

Pins 1,2	Trigger strobe, rising edge causes RUN condition when enabled.
Pins 3,4	
Pins 5,6	Trigger offset number to internal
Pins 7,8	memory.
Pins 9,10	Not connected.

SYSTEMS INTERFACE BUS (SIB)

SIB Connector: SIB port connection, TTL levels (adapter card and cable are not included).
Device Type: Master, complete SIB control capability.
Speed: 5 Mbytes/sec, maximum (speed is cable length and slave dependent).

GENERAL

Operating Modes: SIB direct, single transfer Read or Write of the SIB under VME (program) control; Local DMA, multiple transfer sequential Read or Write of the SIB under 1131 control; List, multiple transfer random Read and/or Write of multiple SIB modules.
Packaging: 6 U x 160 mm single-width VME, in conformance with VME Specification (ANSI/IEEE-1014C).
Operating Temperature: 10° to 50° C.
Storage Temperature: -30° to 85° C.
Maximum Humidity: 80% non-condensing at 30° C.
Power: 3 A at +5 V; 0.2 A at -12 V.

ACCESSORIES

DCSIB/60-L: SIB cable, high density 60 conductor .025 flat ribbon. From the 1131 to the 1445A, 1821 or 3031. Specify length in feet.
ADP-SIB34/60: SIB to SM/I adaptor card required for the 1821.

Allocation of Address Space

Byte Address	Function Implementation
0xFFFF : 0xC000	Reserved
0xBFFF : 0x8000	Data Memory
0x7FFF : 0x4000	List Memory
0x3FFF : 0x1000	Reserved
0x0FFF : 0x0800	SIB Direct Access Mapping
0x07FF : 0x0008	Reserved
0x0006	Destination Address Register
0x0004	Word Counter
0x0002	Next Transfer Address Generator
0x0000	Control and Status Register